

FIG._1

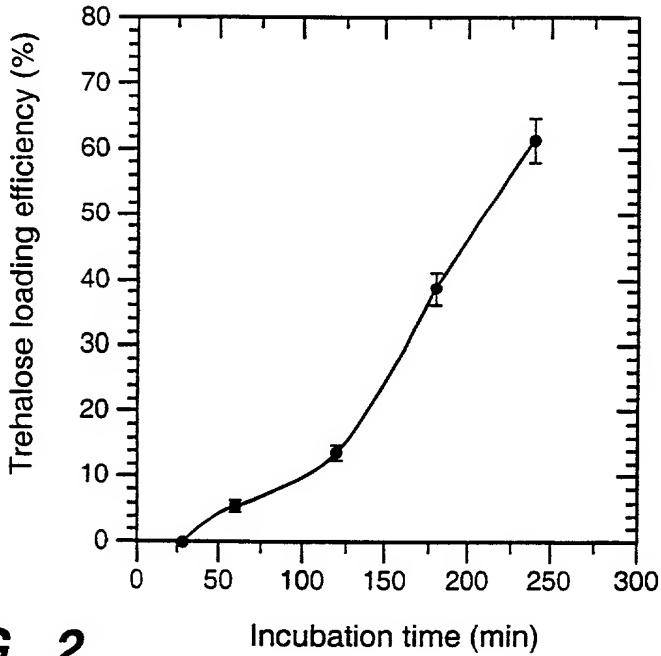


FIG._2

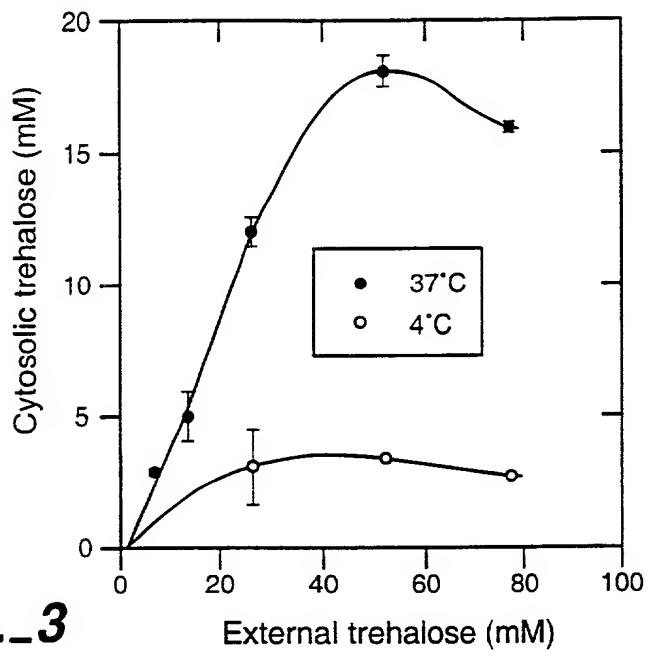


FIG._3

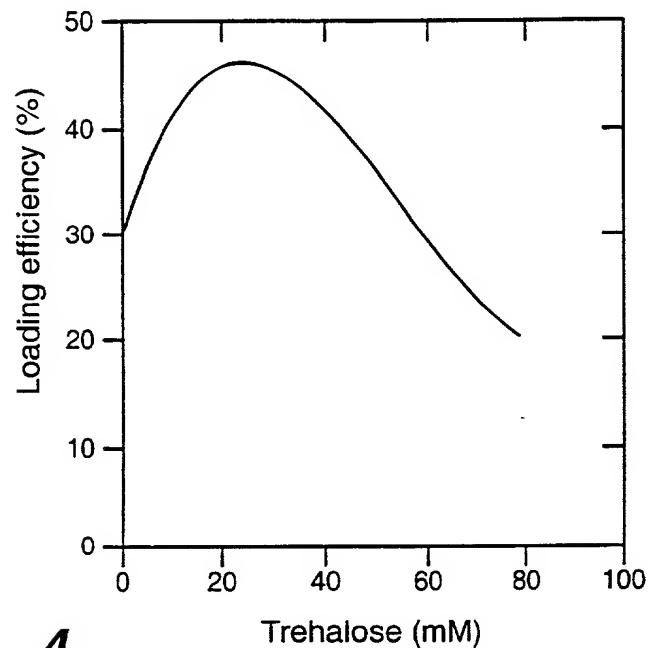
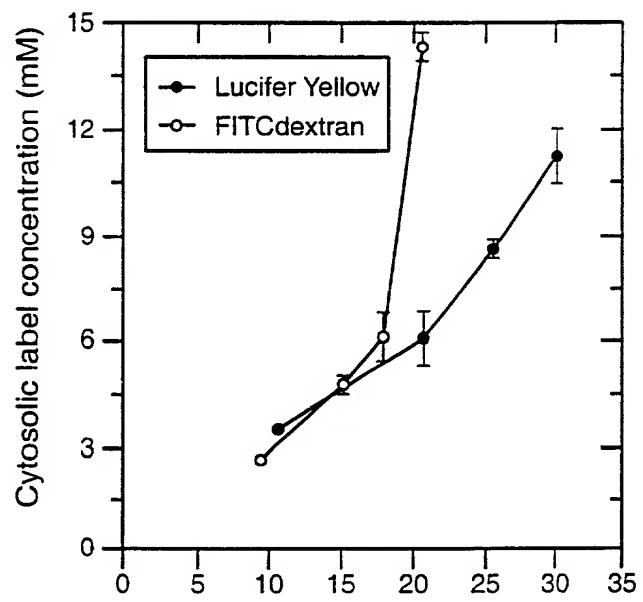
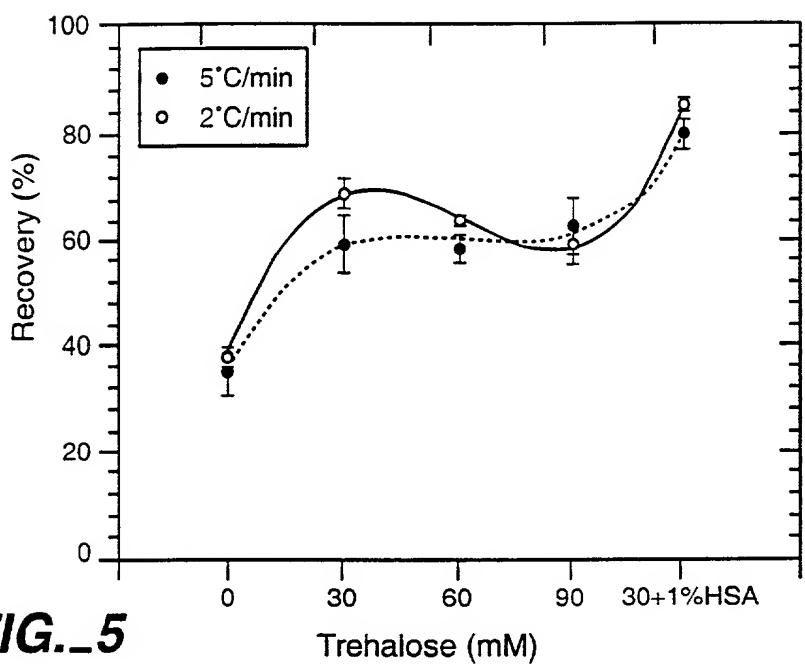


FIG._4



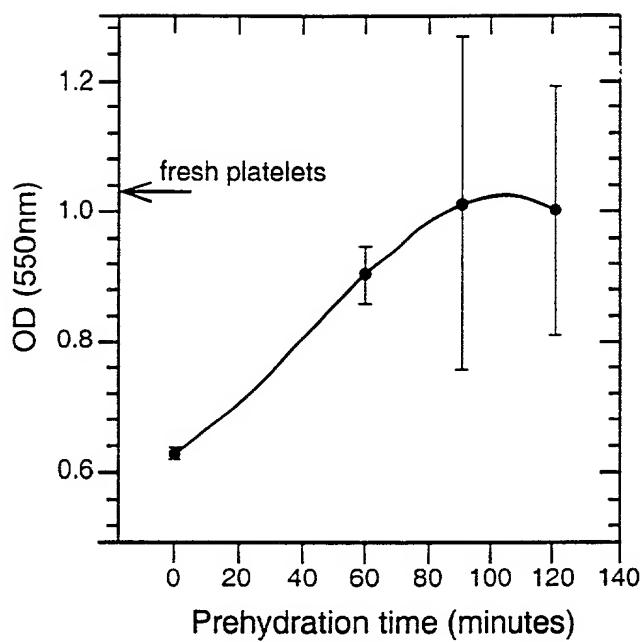


FIG._7

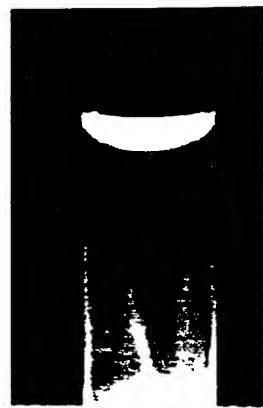


FIG._8A
(PRIOR ART)

FIG._8B

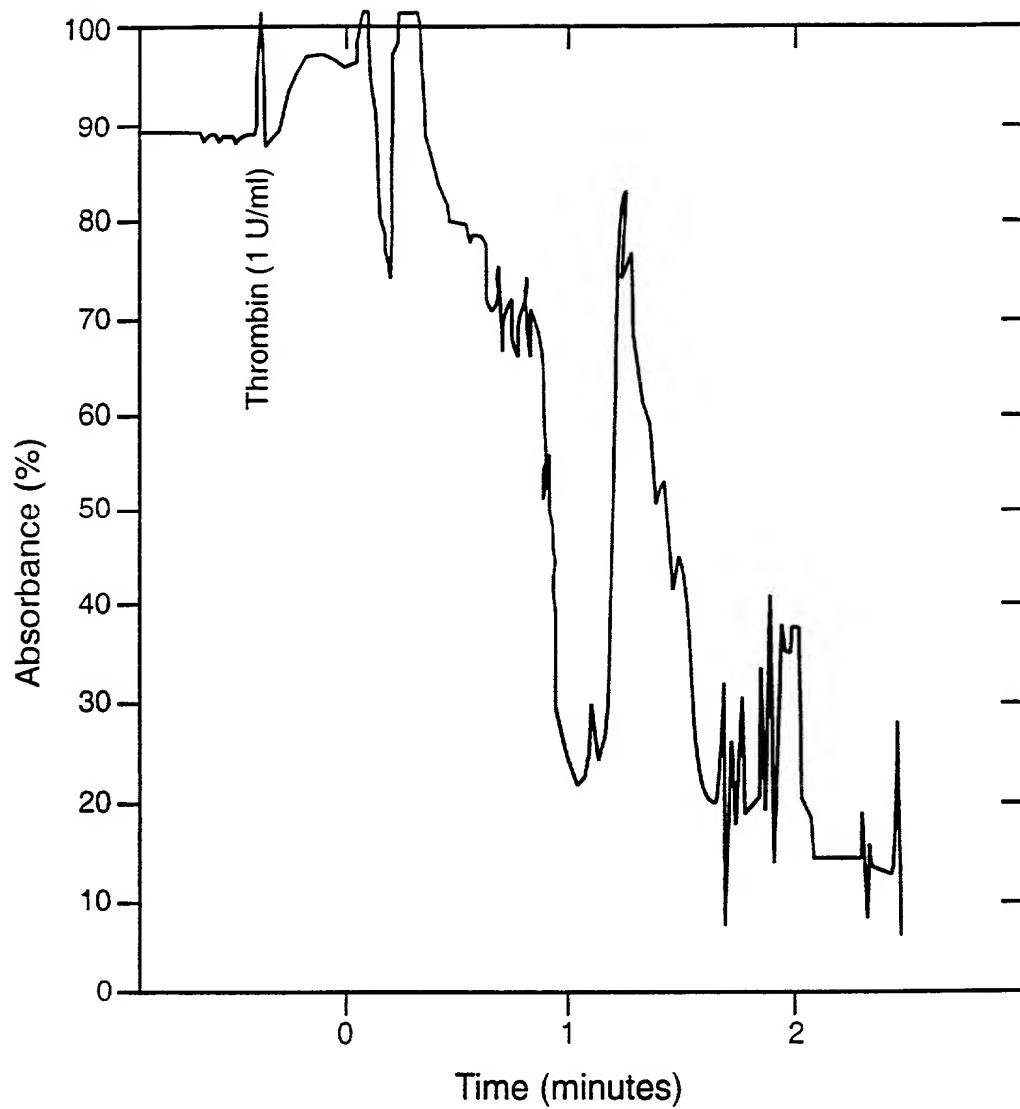


FIG._9

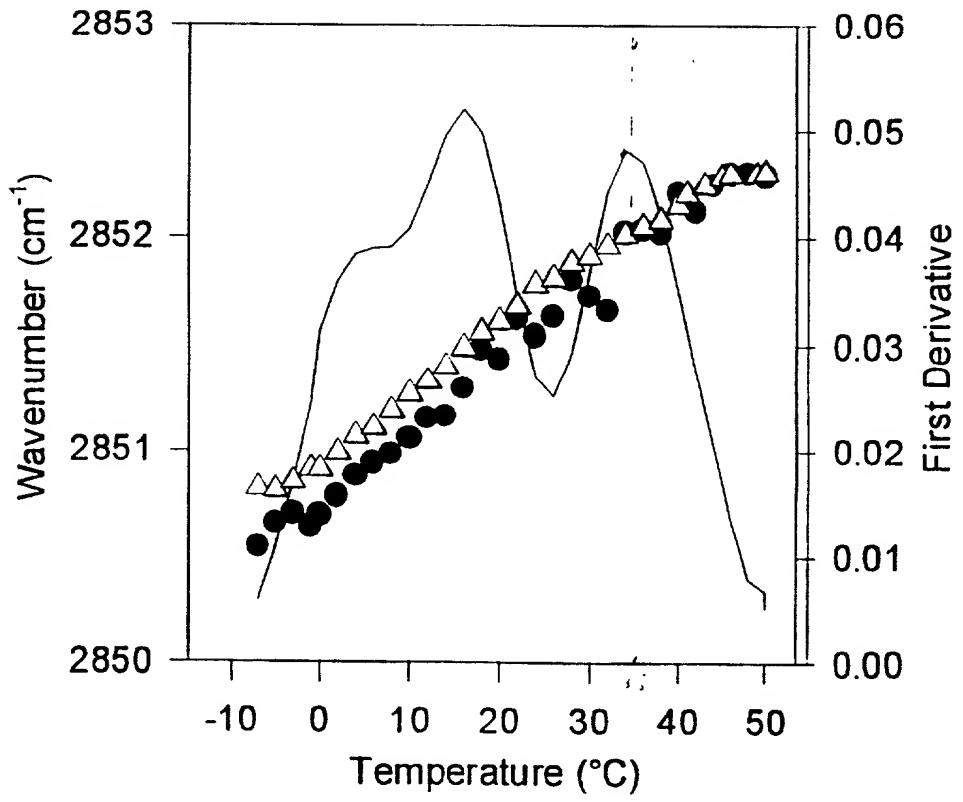


Fig. 10

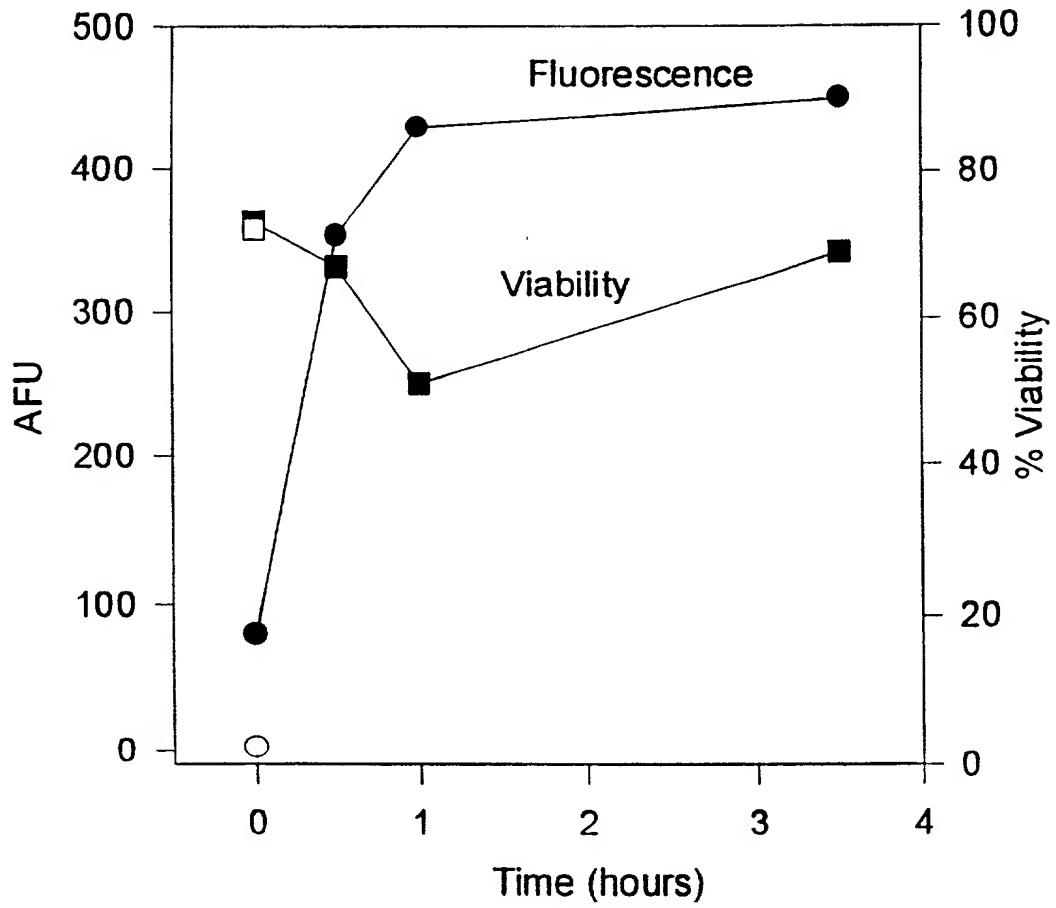


Fig. 11

Fig. 12A

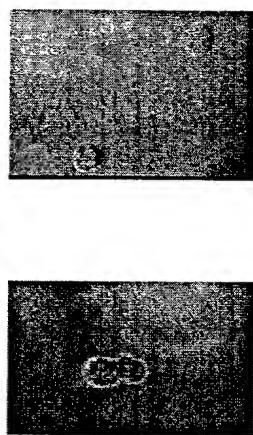


Fig. 12C

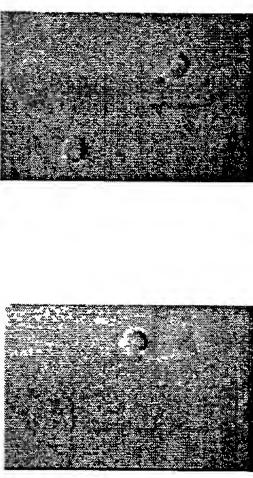
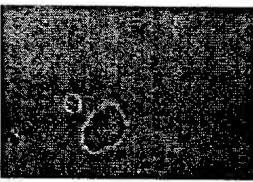
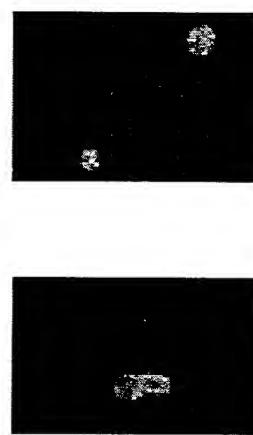


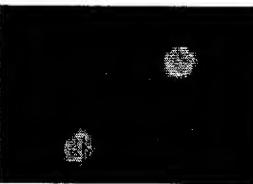
Fig. 12E



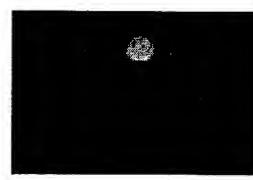
A. 30 min



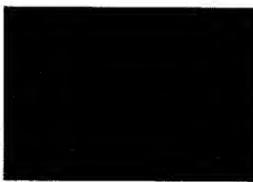
B. 1 hour



C. 2 hours



D. 3.5 hours



E. Control

Fig. 12F

Fig. 12H

Fig. 12I

Fig. 12D

Fig. 12J

Fig. 12G

Fig. 12B

Fig. 12E

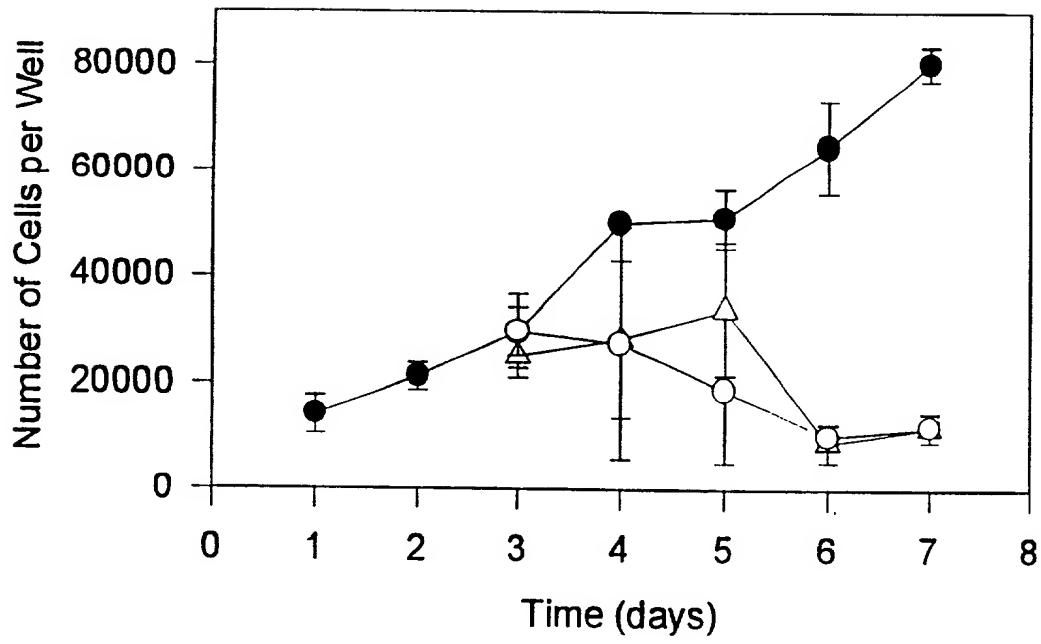


Fig. 13

Fig. 14A
Fig. 14B
Fig. 15A
Fig. 15B

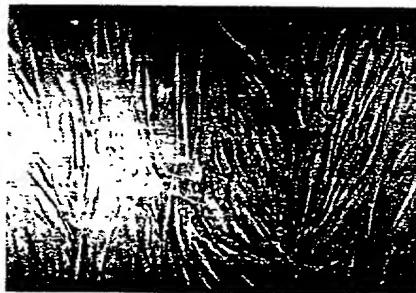


Fig. 14A



Fig. 14B

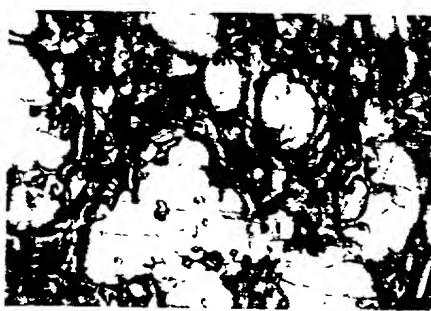


Fig. 15A

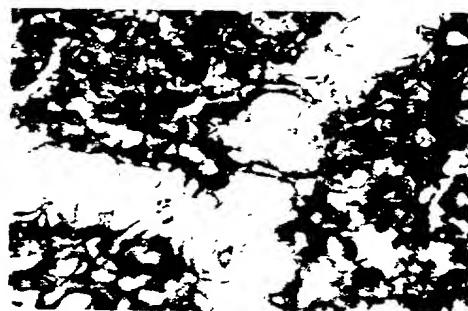


Fig. 15B



Fig. 16A

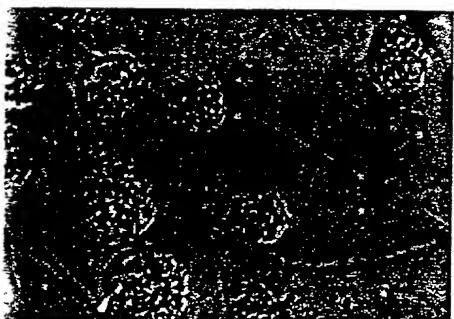


Fig. 16B

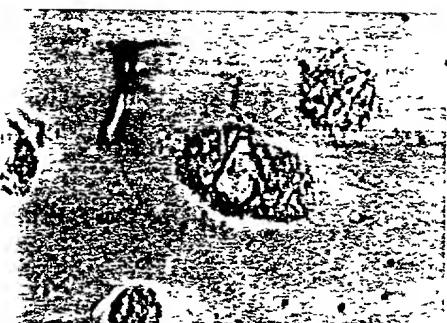


Fig. 16C

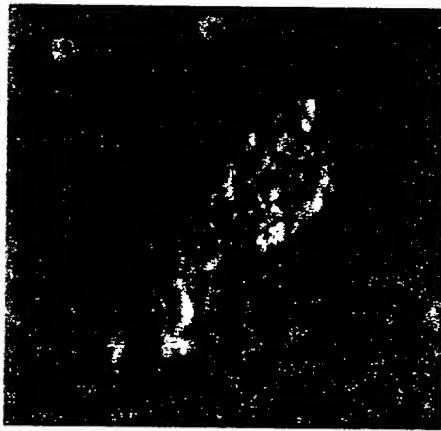


Fig. 17A



Fig. 17B



Fig. 18A

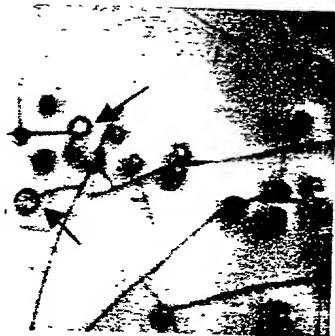


Fig. 18B



Fig. 19A



Fig. 19B



Fig. 20A



Fig. 20B

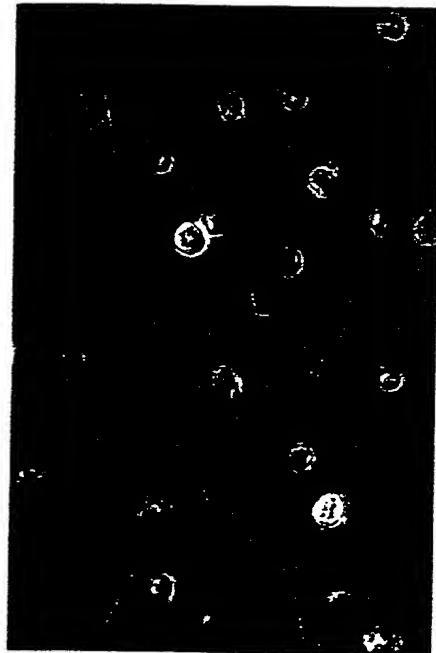


Fig. 21A



Fig. 21B

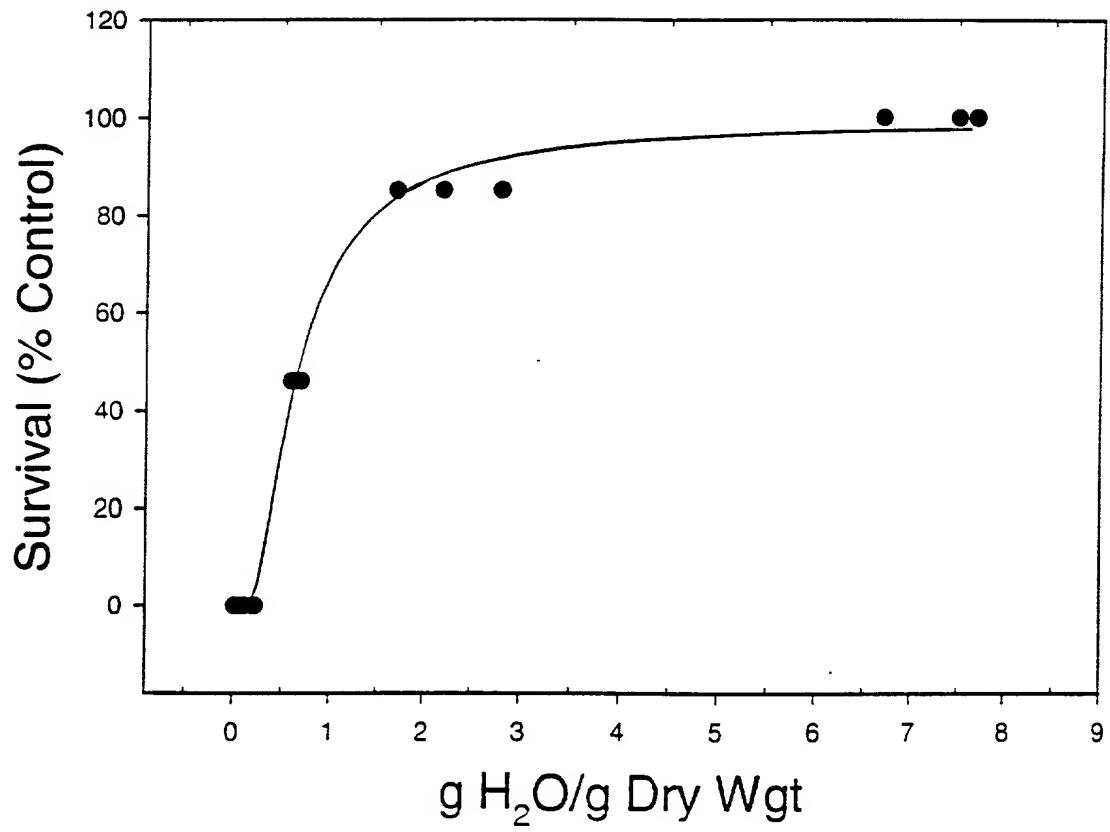


Fig. 22A

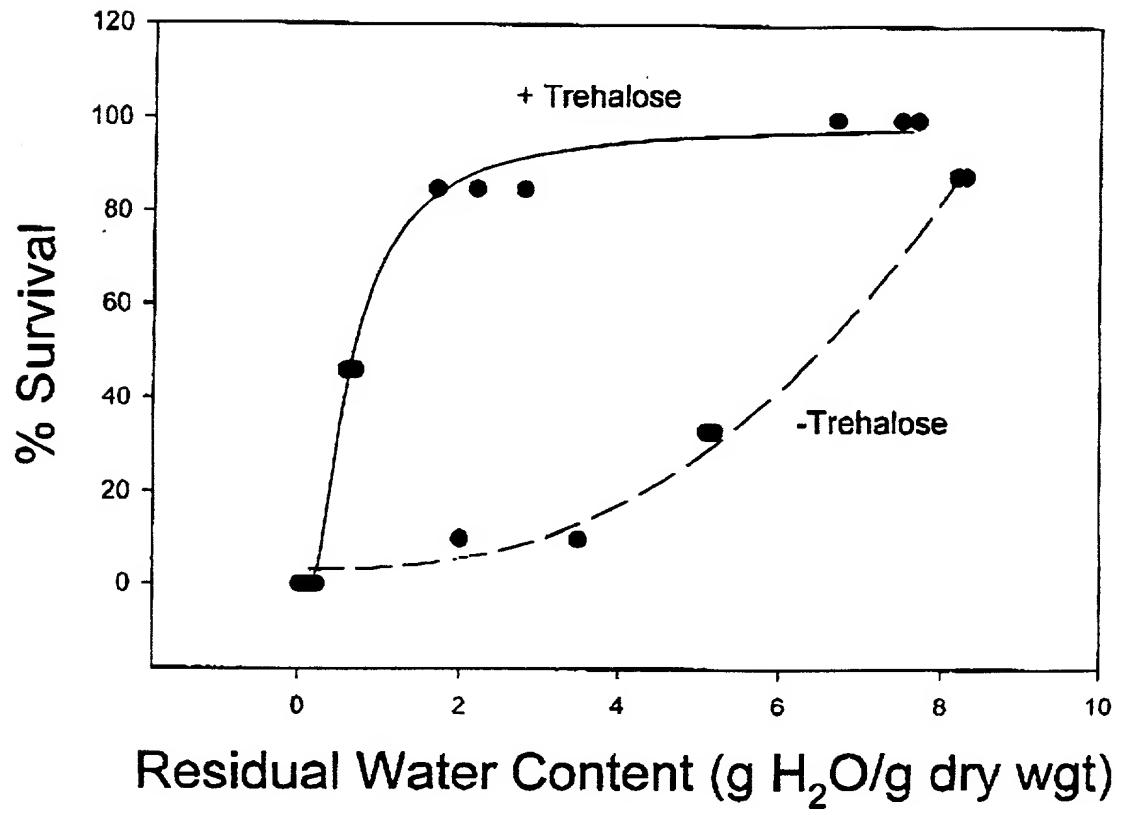


Fig. 22B

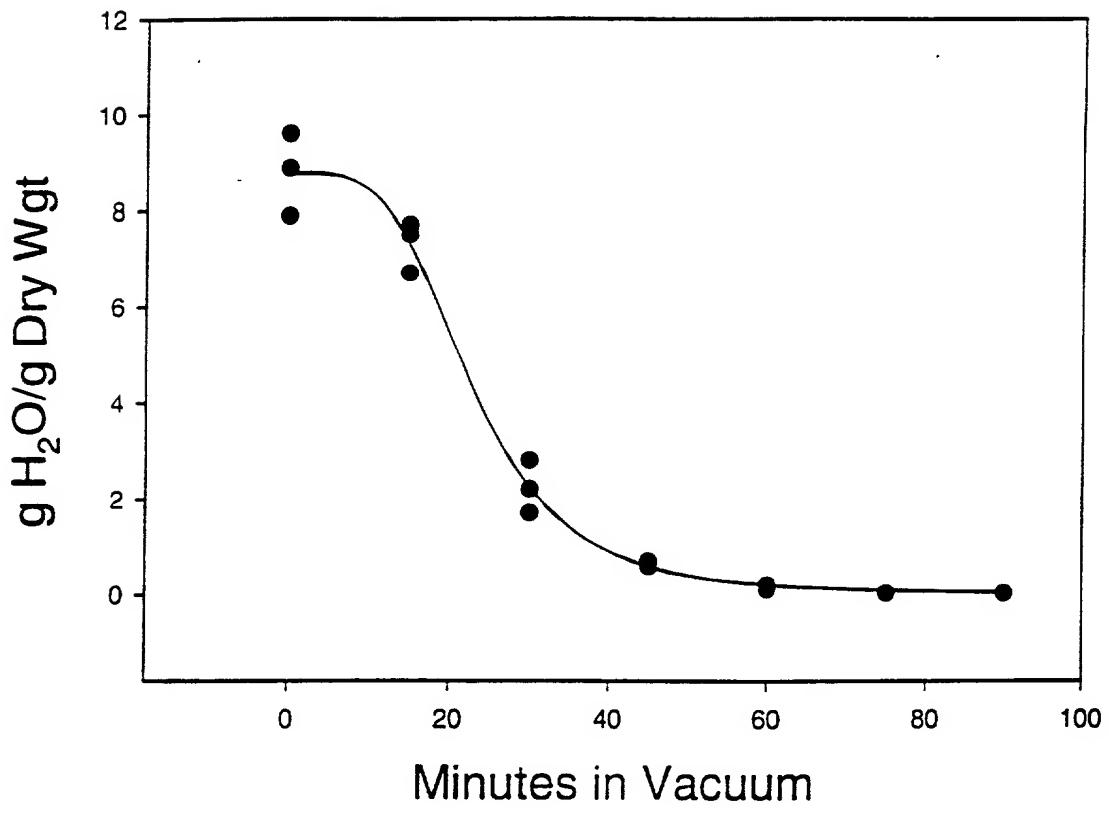


Fig. 23

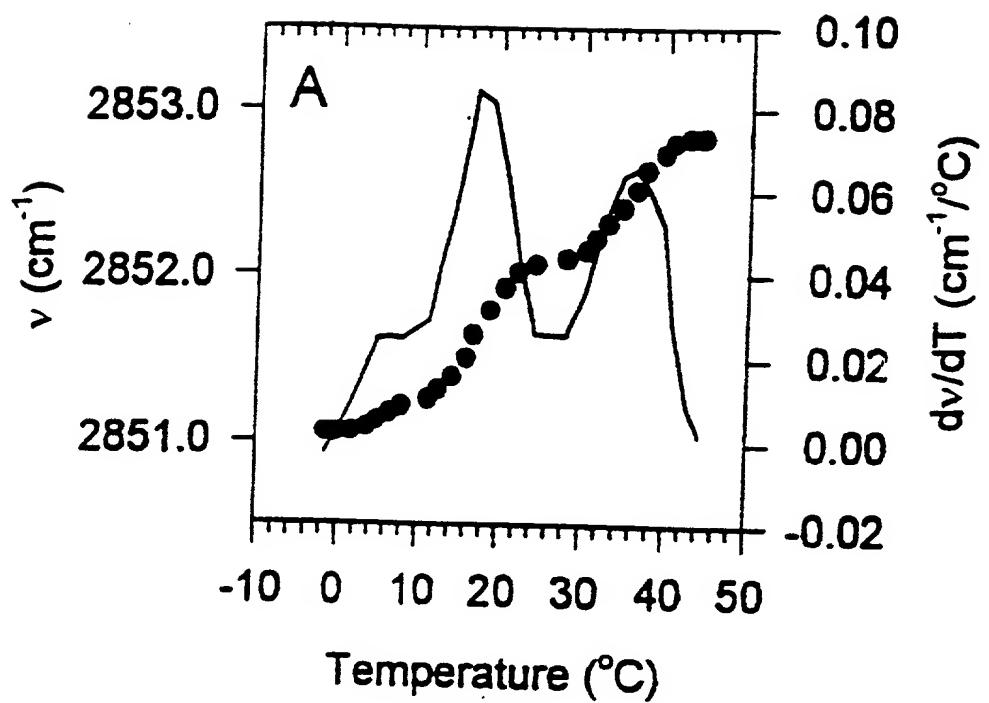


Fig. 24

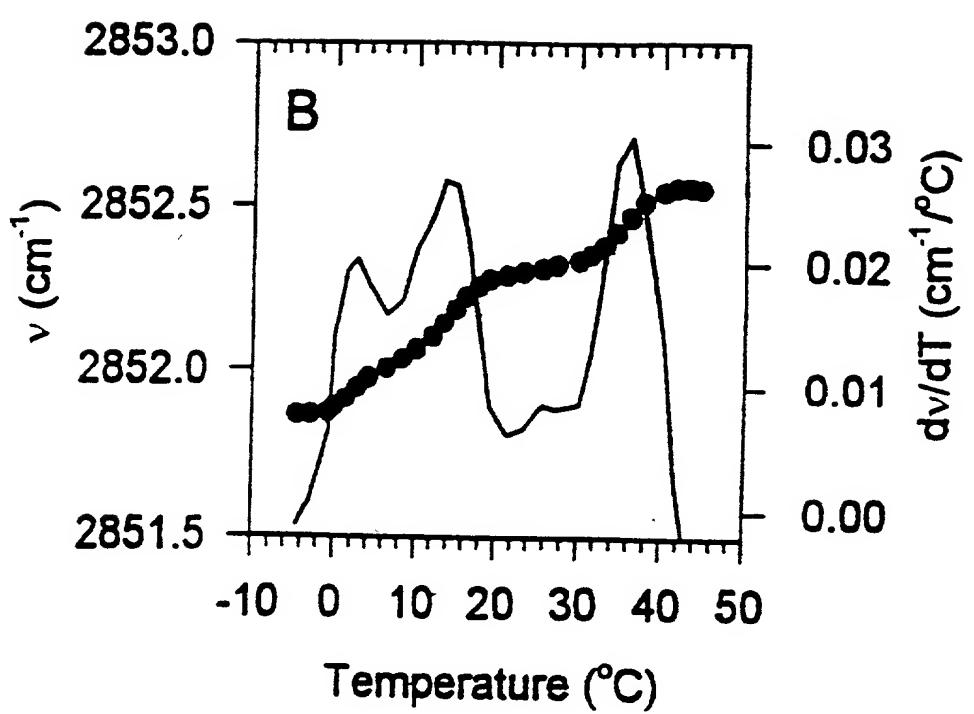


Fig. 25

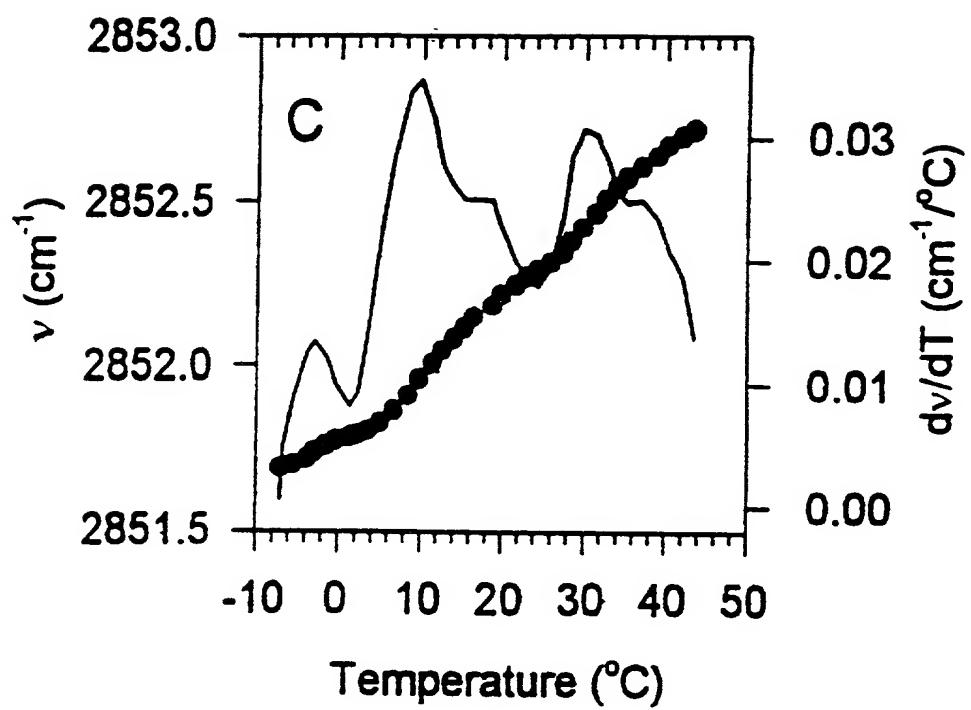


Fig. 26

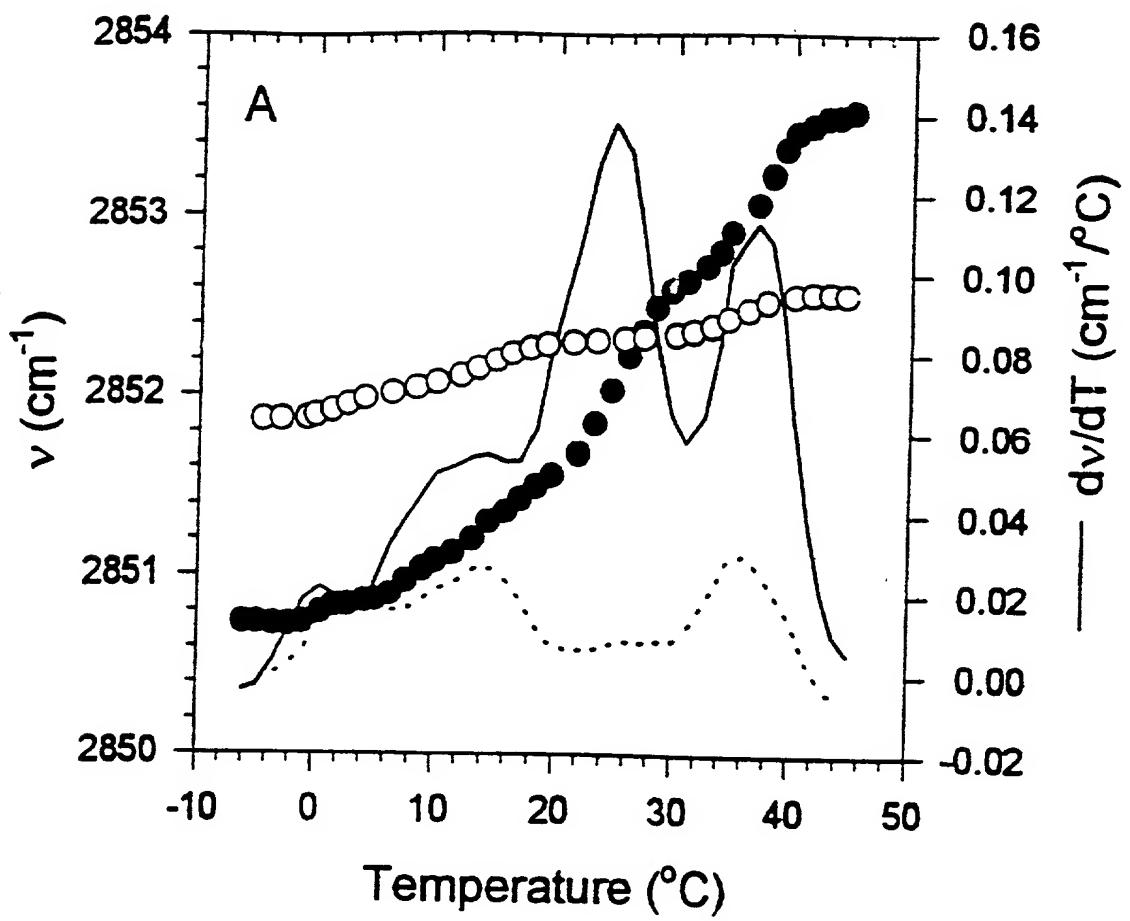


Fig. 27

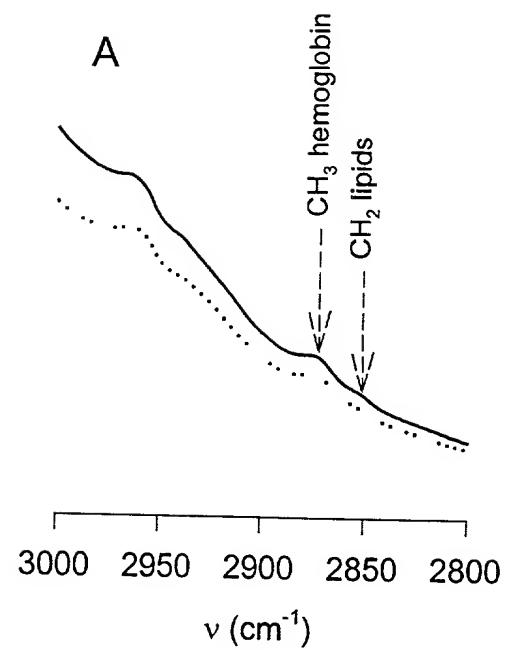


Fig. 28

B

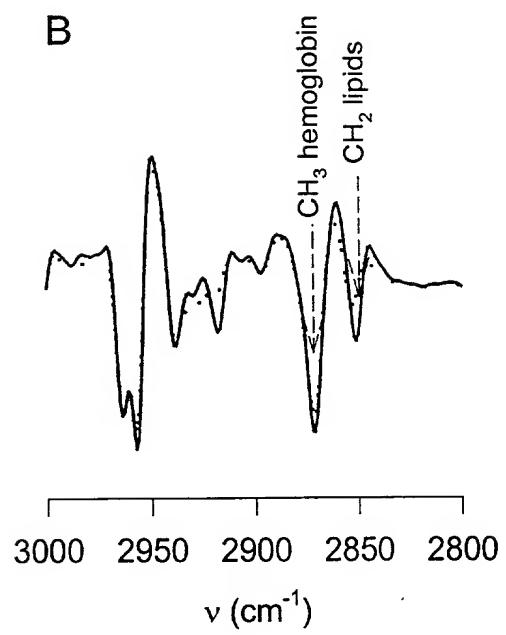


Fig. 29

C

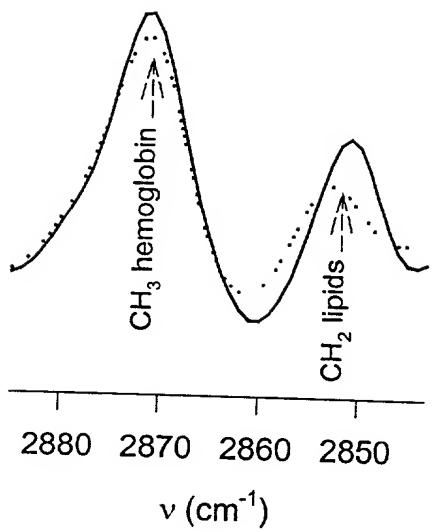


Fig. 30

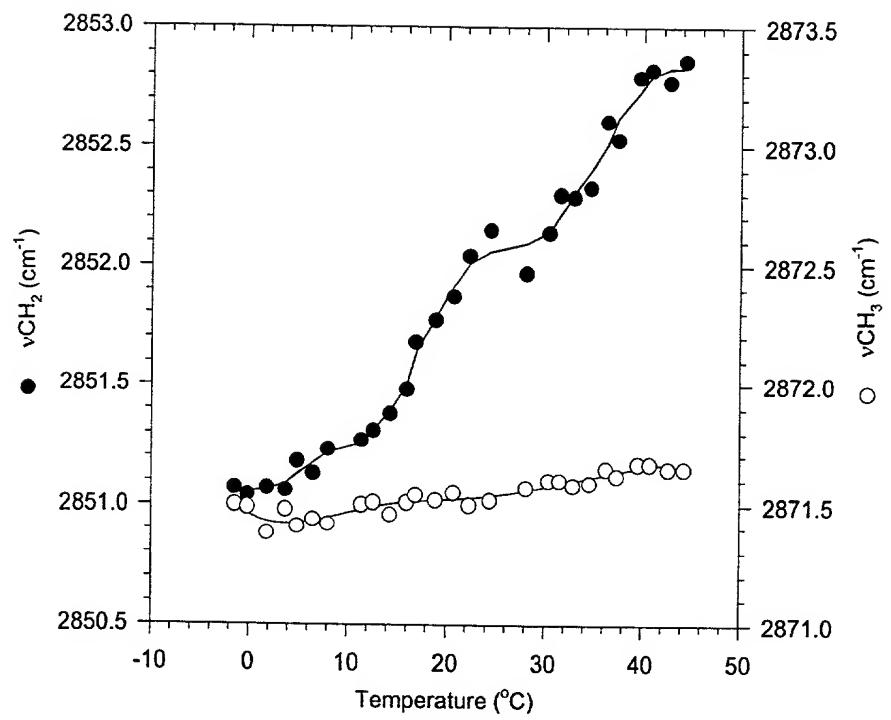


Fig. 31

Figure 32 shows the temperature dependence of the wavenumber (ν) and its derivative ($d\nu/dT$) versus Temperature (°C) for a sample labeled 'A'.

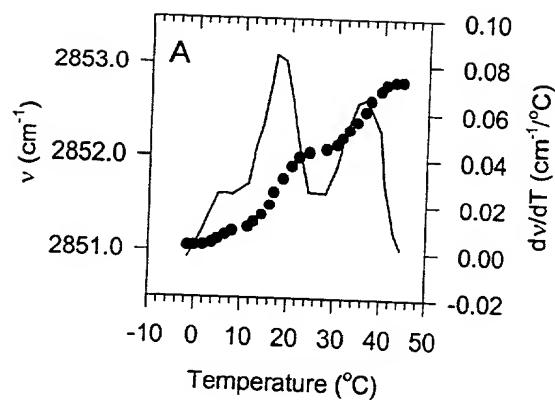


Fig. 32

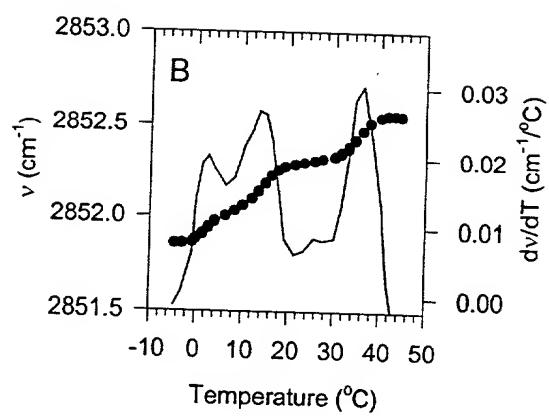


Fig. 33

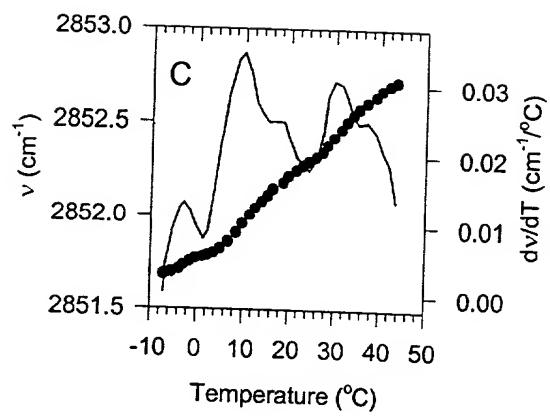


Fig: 34

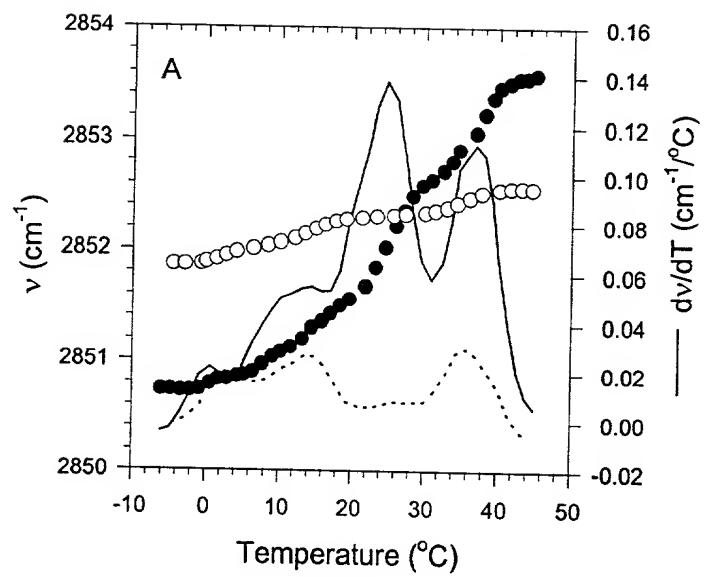


Fig. 35

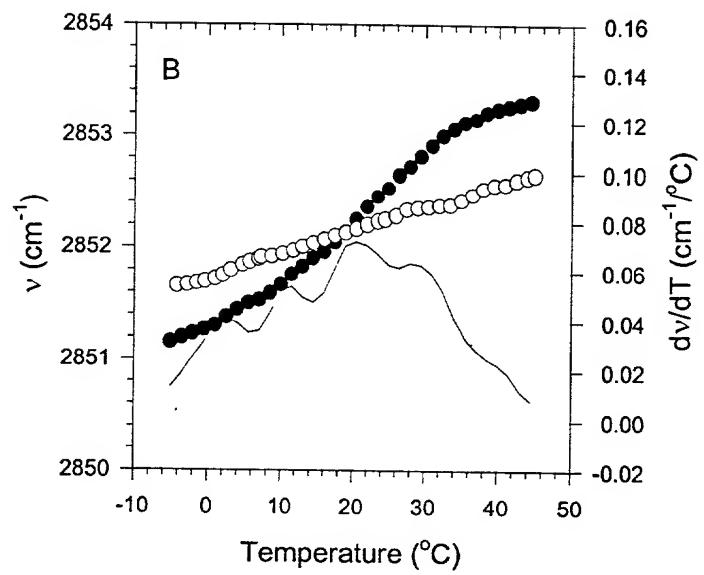


Fig. 36

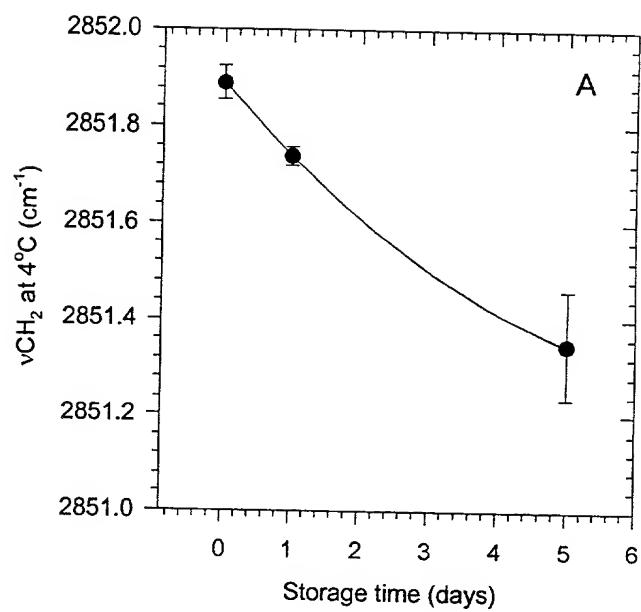


Fig. 37

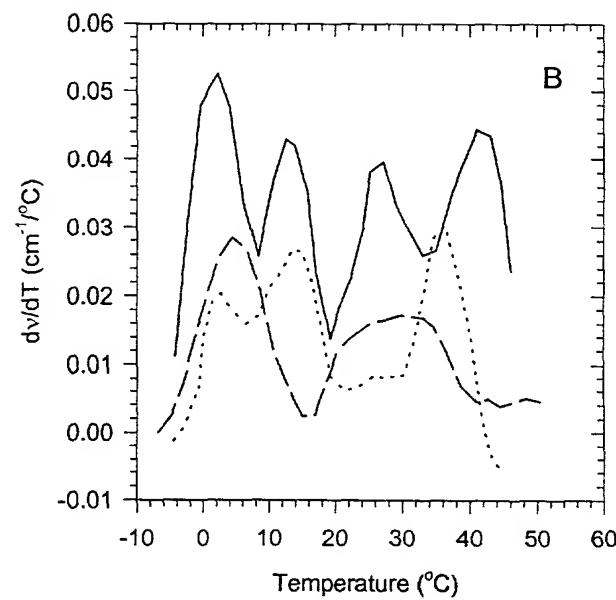


Fig. 38

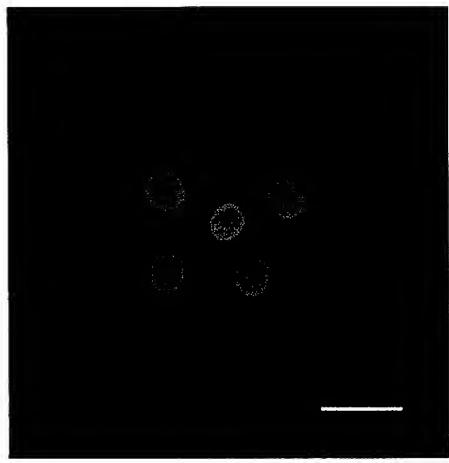


Fig. 39